

**Blast 2 Sequences results**[PubMed](#)[Entrez](#)[BLAST](#)[OMIM](#)[Taxonomy](#)[Structure](#)**BLAST 2 SEQUENCES RESULTS VERSION BLASTP 2.2.18 [Mar-02-2008]**Matrix BLOSUM62 · gap open: 11 gap extension: 1x_dropoff: 0 expect: 10.0000 wordsize: 3 Filter ☐ View option Standard

Masking character option X for protein, n for nucleotide Masking color option Black



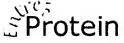
☐ Show CDS translation

Sequence 1: unnamed protein product *human soluble epoxide hydrolase*
Length = 556

Sequence 2: unnamed protein product *human neuropeptide Y1 receptor*
Length = 384

No significant similarity was found

CPU time: 0.03 user secs. 0.02 sys. secs 0.05 total secs.

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☐ 1: AAS55647. Reports neuropeptide Y1 r...[gi:45239065]

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Features Sequence

LOCUS AAS55647 384 aa linear PRI 13-MAR-2004
 DEFINITION neuropeptide Y1 receptor [Homo sapiens].
 ACCESSION AAS55647
 VERSION AAS55647.1 GI:45239065
 DBSOURCE accession AY548168.1
 KEYWORDS .
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini;
 Catarrhini; Hominidae; Homo.
 REFERENCE 1 (residues 1 to 384)
 AUTHORS Kopatz, S.A., Aronstam, R.S. and Sharma, S.V.
 TITLE Isolation of cDNA coding for neuropeptide Y1 receptor (NPY1R)
 JOURNAL Unpublished
 REFERENCE 2 (residues 1 to 384)
 AUTHORS Kopatz, S.A., Aronstam, R.S. and Sharma, S.V.
 TITLE Direct Submission
 JOURNAL Submitted (13-FEB-2004) Guthrie cDNA Resource Center, Guthrie
 Research Institute, 1 Guthrie Square, Sayre, PA 18840, USA
 COMMENT Method: conceptual translation supplied by author.
 FEATURES
 source Location/Qualifiers
 1..384
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /tissue_type="brain"
Protein 1..384
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 /name="G-protein coupled receptor"
 Region 57..320
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 /note="7 transmembrane receptor (rhodopsin family). This
 family contains, amongst other G-protein-coupled receptors
 (GPCRs), members of the opsin family, which have been
 considered to be typical members of the rhodopsin
 superfamily; pfam00001"
 /db_xref="CDD:84429"
 CDS 1..384
 /coded_by="AY548168.1:1..1155"
 /note="NPY1R"
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 61 liiililkqke mrnvtniliv nlsfddllva imclpftfvy tlmhdwvfge amcklnpfvq
 121 cvstlvsifs lvliaverhq liinprgrwp nrrhayvgia vvwlavass lpfliyqvmf
 181 depfqnvtdl aykdkyvcfd qfpdsdshrls yttllllvlqy fgplcific yfkiiyrlkr

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241 rnnmndkmrd nkyrssetkr inimllsivv afavcwlplt ifntvfdwnh qiiatcnhnl  
301 lfllchltam istevnpify gflnknfqrd lqffffcd f rsrdddyeti amstmhtdvs  
361 ktslkqaspv afkkinndd neki
```

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Apr 10 2008 15:51:27